

AMENDMENT

Please change the title of the application to read: --METHOD AND APPARATUS FOR FORWARDING TRAFFIC BETWEEN LOCALLY ATTACHED NETWORKS USING LEVEL 3 ADDRESSING INFORMATION--.

REMARK**35 U.S.C. 103 Rejection**

As a threshold matter, the Applicant makes no admission by filing this response that the cited references represent prior art to the present application.

In the Office Action, claims 1-16 stand rejected based on Bryant taken with Hunt and Yu and Shimizu.

In maintaining this rejection, the Office recognizes the Applicant's argument at p. 3 of the prior response to the applied references did not teach use of correspondence between data link addresses, network layer addresses and the port Setting Network learning mechanism. Responsive to that argument, the Office is now applying Shimizu and taking the position that the Shimizu reference suggests this manner of operation.

Importantly, the Shimizu reference is directed at an asynchronous transfer mode (ATM) communication system. ATM protocols operate at the data link layer (Layer 2) of the OSI reference model. As described at column 3, line 54-68, when a packet is ready to be transmitted, it is divided into fixed length cells. Then the processor reads out an IP address. The processor makes reference to the VCI-IP address table on the basis of the read out IP address. If the IP address is registered in the table, the corresponding the VCI is written in the headers of the respective cells. If the IP address is not registered, a vacant VCI is selected to register in the VCI -- IP table. It is discussed at column 5, lines 28 it seeks that when a registration

-- Page 2 --

S/N: 08/569,580

Charge our Deposit Account

Please charge any shortag to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 9/18, 1998



David B. Halverson
Reg. No. 33,395

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8598